

Date: Tue, 28 Jun 94 15:34:29 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #715
To: Info-Hams

Info-Hams Digest Tue, 28 Jun 94 Volume 94 : Issue 715

Today's Topics:

(none)
AEA IsoLoop - Opinion
Amps - Pounds relationship
BAY AREA FREQ'S WANTED
Best dual-band HT antenna (2 msgs)
CCP SRC-10 Controllers
Contest Question
hf radiation
Mark Your Calendars Now!
Mobile HF Noise Problem (2 msgs)
Motorcycle Mobile - 73 Magazine (2 msgs)
Neat FD Antenna
Novice on-air CW practice
Please Informations...
WANTED: Current mods
Whereis callsign server

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 28 Jun 94 15:51:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: (none)
To: info-hams@ucsd.edu

HELP

Date: Tue, 28 Jun 1994 07:09
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!news.cac.psu.edu!
news.pop.psu.edu!ctc.com!news.mic.ucla.edu!MVS.OAC.UCLA.EDU!
CSMSCST@network.ucsd.edu
Subject: AEA IsoLoop - Opinion
To: info-hams@ucsd.edu

In article <9406280456191039@michaelr.com>,
ray.wade@michaelr.com (Ray Wade) writes:

>
>Was it Barnum who said: You can fool some of the people.....?
>
>K5JCM

The question is who is being deluded, those of us who've worked
240+ countires in a couple of years with one, or those who who just
plain "know" it doesn't work any good... If it's me, I hope it
continues a while longer. I'd love to make Honor Role with my
"dummy load".

-- 73 de Chris Thomas, AA6SQ (ex-WA6HTJ) (CSMSCST@MVS.OAC.UCLA.EDU)
(DXCC/mixed, DXCC/CW, DXCC/SSB, DXCC/10m, DXCC/RTTY, and 39 of 40
for WAZ, on my "doesn't work" Isoloop)

Date: 28 Jun 1994 15:34:39 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!
news.umbc.edu!eff!blanket.mitre.org!linus.mitre.org!newsflash.mitre.org!m14494-
mac.mitre.org!user@network.ucsd.edu
Subject: Amps - Pounds relationship
To: info-hams@ucsd.edu

While reading a recent ad for a well-known power supply company, I noticed
an interesting relationship between the maximum current rating of the
supply and the shipping weight; they seemed almost equal. The linear
regression of the 42 data points (different power supply models) from the
ad is:

$$\text{Weight(in lbs)} = (.832 * \text{Current(in amps)}) + 3.52$$

The coorelation coefficient is .96, so the fit is pretty close. So, if
you're buying a power supply, you can guess that the shipping weight in
pounds is about equal to the maximum current rating times 0.8. Ain't
science grand?

Date: 28 Jun 94 14:58:51 GMT
From: news-mail-gateway@ucsd.edu
Subject: BAY AREA FREQ'S WANTED
To: info-hams@ucsd.edu

I have some information for the requestor on this message header. Unfortunately, you neglected to include your return email address in your posting. Please email me if you wish more information on this subject.....

Troy T. Pummill, N6XMV	trop@hls.com
Manager, Applications Eng.	...uunet!lanslide.hls.com!trop
Hughes LAN Systems	
(415) 966-7915	1225 Charleston Rd., Silicon Gulch
Mountain View, CA 94043	The preceding drivell is entirely my own!!

Invisible airwaves crackle with life, bright antennae bristle with the energy
Emotional feedback on timeless wavelength, bearing a gift beyond price....
Almost free. "Spirit of Radio" - Rush

Date: 28 Jun 94 20:51:39 GMT
From: news-mail-gateway@ucsd.edu
Subject: Best dual-band HT antenna
To: info-hams@ucsd.edu

LINDSETH@PLAINS.NODAK.E wrote:

I have lost my handheld antenna for the second time. I would like to know which short duck antenna has would perform the best with my Alinco 580. I have heard that the one Larson makes is pretty good. I have also heard that the factory supplied antenna is pretty much a dummy load.

I strongly recommend a Larson "Kool-Ducky". I use one on my TH-78 rather than the stock dummy load. I ran some comparison tests and found better receive and transmit performance with the Larson antenna. Test methodology was to get into a fringe area with the stock antenna, then switch to the Kool-Ducky. Fringe became full quieting every time. :-)

The Kool-Ducky has more capture area than the stock dummy load on either the TH-78 or the FT-530. I have not seen the stock antenna on the Alinco, but I expect the same results.

As to loosening the antenna, are you clipping the HT to your belt and wearing a fanny pack that rubs the connector? I found I was loosening the BNC when I swing the fanny pack around to get out my wallet/keys/etc., then dropping the antenna as I walked.

73

Wm. A. Kirsanoff Internet: WAKIRSAN@ananov.remnet.ab.com
Rockwell International Ham: KD6MCI
(714) 762-2872
Alternate Internet: william_a._kirsanoff@ccmail.anatcp.rockwell.com

Who are you? * I am number 2. * Who is number 1? * You are number 6.

Date: Tue, 28 Jun 1994 18:22:22 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!
stefanis@network.ucsd.edu
Subject: Best dual-band HT antenna
To: info-hams@ucsd.edu

I have a Comet CH-72S, it is much better than the duck I got with my IC24at.
But it seems to work about the same as the one I got with my FT-530(Yaesu).

The one bad thing about the Comet is that it is 15inches long. They say
size doesn't matter, but it sure does make it difficult to put in the
glove box with out bending. :)

Integrated	/ --- /	Nick Stefanisko [KD6PTD]
Systems	HEWLETT/hp/PACKARD	stefanis@hp-ptp.ptp.hp.com
Division	/ _ _ /	Sunnyvale, California, USA

Opinions expressed here are not those of my employer; only my fingers
are to blame.

Date: 28 Jun 94 18:22:41 GMT
From: gatekeeper.us.oracle.com!barrnet.net!alantec!irvin!newman@decwrl.dec.com
Subject: CCP SRC-10 Controllers
To: info-hams@ucsd.edu

A friend and fellow Ham has a group of repeaters here in the
Bay Area. He has been using Creative Control Products SRC-10

Date: 24 Jun 94 01:42:47 GMT
From: news.columbia.edu!spcuna!cherry.atlanta.com!emory!europa.eng.gtefsd.com!
howland.reston.ans.net!spool.mu.edu!news.clark.edu!henson!reuter.cse.ogi.edu!
qiclab!egreen!egreen!jmollan@rutgers.
Subject: hf radiation
To: info-hams@ucsd.edu

Research has shown no evidence that there are harmful effects to
nonpolarizing electromagnetic emmissions in the hf bands.

Picture, if you will, the average ham station, running 200 PEP watts for one
hour per week. Compare this, if you will to a commercial broadcast AM
station running 50,000 watts 24 hours per day. Now measure the total
level of electromagnetic emissions received.

Even with the geometrically higher levels of emissions put out by the
broadcast station, research has failed to document any adverse health
effects to people living immediately next to the broadcast station's towers.

When it comes to UHF signals in the microwave areas, care must be taken,
but these are not the frequencies (about 1000 Mhz) used by ham operators.

For more information write ARRL, 225 Main St, Newington CT 06111, attn
Engineering

John

Date: 28 Jun 1994 13:43:55 -0400
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!darwin.sura.net!
pegasus.cc.ucf.edu!pegasus.cc.ucf.edu!not-for-mail@network.ucsd.edu
Subject: Mark Your Calendars Now!
To: info-hams@ucsd.edu

On 24 Jun 1994 13:38:47 -0500 Robert Redoutey wrote the following in rec.nude:
> Amateur Radio Operators affiliated with the American Sunbathing
> Association, the Naturist Society and the Federation of Canadian
> Naturists will observe the 19th Annual North American Nude Awareness
> Celebration during the week of July 4th to 10th. We will operate near
> 14.265, 21.365 and 28.465 MHz +/- QRM. For certificate, please send QSL
> and 9 X 12 inch SASE to Bob Redoutey, KF5KF, P.O. Box 200812, Austin, TX
> 78720, USA.

Also, if you want to be one of the Special Events Stations, write to me and we will attempt to sign you up.

In any event, let all your ham friends know that we'll be operating and send them a fantastic certificate :).

--
You can tell peoples politics by how much | John ==- kr4ah
they wear. Judging from this newsgroup all | International NudeNet
the "less-ons" are at the beach. Which | 14.265 Mhz Thursday 8:00 PM
leaves the "more-ons" to run the country. | Friday 0000 Zulu

Date: 28 Jun 94 10:36:56
From: ihnp4.ucsd.edu!swrinde!gatech!news-feed-1.peachnet.edu!concert!
ashe.cs.unc.edu!news_server!gb@network.ucsd.edu
Subject: Mobile HF Noise Problem
To: info-hams@ucsd.edu

I'm having lots of fun mobiling with my new Kenwood TS-50 and 20 meter HamStick antenna. My only problem is engine noise :-)

I have no alternator whine but I do have what appears to be ignition noise (the sound is rough and varies with engine speed, at low speeds there are distinct pops). It definately comes in through the antenna and not through the power leads. It runs about S5 to S7 on the TS-50 meter. The TS-50 noise blanker is effective against it at idle but not at highway speeds.

My car is a 1993 Plymouth Acclaim 4 cylinder. The body seems well bonded together electrically because I measure fractions of an ohm resistance between various body panels (including the trunk lid) and the negative terminal of the battery. The fused #10 power leads from the TS-50 are connected directly to the battery. My antenna is temporarily on a mag-mount on the trunk lid. Connecting a heavy wire from the mag mount to the body does not reduce the noise.

So, HF mobile elmers, what should I do to reduce this noise? I'm sure there are tons more stations to hear and work....

Thanks and 73
gb wa4fut

Date: 28 Jun 94 16:58:24 GMT
From: ihnp4.ucsd.edu!swrinde!elroy.jpl.nasa.gov!netline-fddi.jpl.nasa.gov!nntp-server.caltech.edu!news.claremont.edu!paris.ics.uci.edu!ucivax!gateway@network.ucsd.edu
Subject: Mobile HF Noise Problem
To: info-hams@ucsd.edu

Hi Gary:

I am not an HF mobile expert, but have done a bit with radios that did not have noise blankers. I will just tell you what did help me to reduce the "hash" I got from the car. (I never really faced the standard ignition noise, the fast "cracking" noises.)

I found that, magically, a very short lead from the body ground to my rig helped, even with direct connections to the ground lead of the battery and at the antenna. The difference was amazing. (Of course, you probably have already done this :-).

I have a friend with a Volvo that has an electronic fuel pump in the back of the car (near the antenna), and who found that to be the major contributor to noise. He did some bypassing of the lines there and cured the problem.

I have had friends use coax to replace their spark plug wires, or use braided shield to run over the car spark plug wires, and to otherwise shield the auto electronics boxes. They claim some improvement. I suspect you could reposition the mag mount for your HF antenna and see if you can "locate" the noise in general.

Best of luck. I like to mobile, too.

Clark
WA3JPG

Date: 28 Jun 1994 09:49:52 -0700
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!convex!news.onramp.net!news.sprintlink.net!news.world.net!news.teleport.com!news.teleport.com!not-for-mail@network.ucsd.edu
Subject: Motorcycle Mobile - 73 Magazine
To: info-hams@ucsd.edu

Steve Bunis SE Southwest Chicago (doc@webrider.central.sun.com) wrote:

: Greetings -

: I was told that a fairly recent issue of 73 magazine tested different

: headsets for motorcycle helmet use. I would very much appreciate it
: if someone could let me know which issue, so I can try and track it
: down, or give me a quick summary of what they found and recommend. I'm
: presently trying to set up my motorcycle for mobile use and am preparing
: to buy the headset pieces for my helmet, and also starting to set up the
: wiring. A related question would be suggestions as to the circuitry that
: would allow a radar detector alarm to break into the earphones even while
: having a QS0.

: Thanks much for any information,

: Steve

It was an issue which came out this spring. I was enthused to see it until I read it.

One of the highest rated devices was an "in the ear mike/earphone" rig.

I own one of those and borrowed another. USELESS!

They are VERY sensitive and pick up every bit of noise, wind, engine, gear shifts, passing trucks, ect., and I ride a quiet motorcycle.

I used it in a restaurant and the person I was communicating with said he could hear conversations elsewhere in the restaurant coming over the air while I talked!

I have found something which does work, a new throat mike rig from an outfit called Genisys (sp?). It picks up ZERO noise. It's high freq. response is limited, but it gets good reports from people I talk to. They often express surprise when I mention that I am motorcycle mobile. It has an attached earphone which fits well in the ear.

I still think I would prefer a speaker or built in helmet phones, just for convenience.

Post if you find any other useful motorcycling/radio goodies.

73's

Gene

KB7WIP

Date: 28 Jun 1994 19:12:20 GMT

From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!news-feed-1.peachnet.edu!
news.duke.edu!eff!news.kei.com!travelers.mail.cornell.edu!
newsstand.cit.cornell.edu!usenet@network.ucsd.edu

Subject: Motorcycle Mobile - 73 Magazine

To: info-hams@ucsd.edu

In article <2upkbg\$m1n@elaine.teleport.com> Gene Wolford,
genew@teleport.com writes:

>I have found something which does work, a new throat mike rig from an outfit
>called Genisys (sp?). It picks up ZERO noise. It's high freq. response is
>limited, but it gets good reports from people I talk to. They often express
>surprise when I mention that I am motorcycle mobile. It has an attached
>earphone which fits well in the ear.
>I still think I would prefer a speaker or built in helmet phones, just for
>convenience.
>
>Post if you find any other useful motorcycling/radio goodies.

I've used the headsets and mic element used in the NADY motocycling intercoms successfully for years. I don't find the ear buds stay in all that well, but the little speaker units for the open face helmets work decently. I usually modify them to remove the boom, although that works fine, and use the microphone from the full face version - essentially creating a hybrid with the open face speaker box and the full face mike unit, and rewire the cord so it plugs directly into the control box from my ICOM style HT (mine is actually an alinco dj580, but the hs-10 box works fine with it). The most important thing is to turn the gain on the mic *way* down, barely off the peg. I get very good comments on the sound ("quieter than your car") and I can hear well. I usually use a pair of foam earplugs to reduce the helmet noise anyway and save the hearing, and the little speaker can drive hard enough to be heard well above those with the shield up.

Last I looked you could get the replacement speaker/mic sets for the NADY intercoms in the Dennis Kirk catalog for about \$20/each.

Hope this is useful to you. And remember, traffic is a non-maskable interrupt! :-)

Kevin, WB2EMS

Date: 28 Jun 1994 13:44:47 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!newsfeed.pitt.edu!hpb.cis.pitt.edu!
hpb@network.ucsd.edu
Subject: Neat FD Antenna
To: info-hams@ucsd.edu

At the Panther Amateur Radio Club's (PARC) Field Day, we found that an automatic antenna tuner is good for more than just loading up short mobile whips.

Our main FD antenna was a full-sized 80M Zepp dipole. One end of the antenna was attached to the roof of a 10 story building, the other end to a tree below. The antenna was fed with 300 ohm twin lead that eventually connected to a 4:1 balun. For an transmatch, we borrowed an SGC-230 automatic antenna tuner.

This made for a great combination. The SGC tuner had no problem at all producing an acceptable SWR on 80-20M (we did not try 15 or 10). We didn't waste any time or battery capacity fiddling with a transmatch. This also permitted our less-experienced hams to easily switch bands without fiddling with a manual antenna tuner. We made 479 contacts with the antenna, most of them at 50W CW, so it seems to have put out a great signal.

73,
Harry Bloomberg WA3TBL
hpb+@pitt.edu

Date: Tue, 28 Jun 1994 16:23:33 GMT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!csulb.edu!csus.edu!
netcom.com!msadams@network.ucsd.edu
Subject: Novice on-air CW practice
To: info-hams@ucsd.edu

--
msadams@netcom.com

Date: 28 Jun 94 16:48:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: Please Informations...
To: info-hams@ucsd.edu

Please send me informations.

Date: 28 Jun 1994 17:43:48 GMT
From: ihnp4.ucsd.edu!usc!elroy.jp1.nasa.gov!lll-winken.llnl.gov!noc.near.net!
chaos.dac.neu.edu!chaos.dac!wy1z@network.ucsd.edu
Subject: WANTED: Current mods
To: info-hams@ucsd.edu

I am looking to update the mods directory on Oakland.

If you have, or know of, a mod for a current radio (i.e. Yaesu FT416)
please e-mail them to me.

Let's not let the Oakland mods collection fall behind!

P.S. I'm still looking for any mods for the Icom IC-3SAT 220 HT.

Thanks much in advance!

73,
Scott

--

Scott Ehrlich, Amateur Radio Callsign: wylz
How to reach me: wylz@neu.edu [Internet], wylz@wa1phy.ma [Packet]
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: <http://www.acs.oakland.edu/barc.html>

Date: Tue, 28 Jun 1994 15:15:09 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!newsserver.jvnc.net!yale.edu!
news.yale.edu!revco@network.ucsd.edu
Subject: Whereis callsign server
To: info-hams@ucsd.edu

I don't seem to be able to login to a previously existing
I don't seem to be able to login to a previously existing
amateur call-sign server:

telnet ns.risc.net

Anyone know of another one out there? Specifically I
need info on K0SN and N9JCL

Thanks

--

James H. Revkin, M.D.
revco@revco.med.yale.edu

End of Info-Hams Digest V94 #715
